25. An electro-kinetic air transporter-conditioner system comprising:

an upstanding, elongated housing with an air inlet vent and an air outlet vent;

an ion generating unit positioned in said housing, said ion generating unit having a plurality of pin-ring electrode configurations located one above the other; and

each of said pin-ring electrode configurations including a first pin electrode that is directed toward a second ring electrode.

26. The system of claim 25 wherein each said pin-ring electrode configuration includes said first pin electrode that is pointed.

27. The system of claim 25 wherein each said pin-ring electrode configuration includes said first pin electrode that is triangle-shaped.

28. The system of claim 25 including a user control that can do at least one of (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

29. The system of claim 25 including user controls that can (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

30. The system of claim 28 wherein the pulse mode control can initiate a burst of output ozone.

31. The system of claim 29 wherein the pulse mode control can initiate a burst of output ozone.

32. The system of claim 25 wherein said housing has elongated recesses.

33. The system of claim 25 wherein said ion generating unit includes a high voltage pulse generator.

34. The system of claim 25 wherein said air inlet vent is covered with horizontal louvers and said air outlet vent is covered with horizontal louvers.

35. The system of claim 25 including a user control located on said top of said housing.

36. The system of claim 25 wherein said first pin electrodes are located adjacent the air inlet vent and the second ring electrodes are located adjacent the air outlet vent.

37. The system of claim 25 wherein said inlet vent and said exhaust vent are elongated along a length of said elongated housing.

38. The system of claim 25 wherein each of said first pin electrodes includes a plurality of conductive fibers.

39. The system of claim 25 wherein said housing has a cross-section in the shape of a figure eight.

40. The system of claim 25 wherein said air inlet vent and said air outlet vent have louvers that are directed across a direction of elongation of said housing.

41. The system of claim 25 wherein said second ring electrode has a skirt region surrounding an opening.

42. The system of claim 25 wherein said first pin electrode points in a downstream direction.

43. The system of claim 25 wherein when energized said ion generating unit causes air to flow in a downstream direction from said first pin electrode toward said second ring electrode.

44. An electro-kinetic air transporter-conditioner system comprising:

an upstanding, elongated housing with an air inlet vent and an air outlet vent;

said inlet vent and said outlet vent being elongated along a length of said elongated housing;

an ion generating unit positioned in said housing, said ion generating unit having a pin-ring electrode configuration; and

the pin-ring electrode configuration including a first pin electrode that directed in a downstream direction toward a second ring electrode.

45. The system of claim 44 wherein said first pin electrode that is pointed.

46. The system of claim 44 wherein said first pin electrode that is triangle-shaped.

47. The system of claim 44 including a user control that can do at least one of (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

48. The system of claim 44 including user controls that can (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

49. The system of claim 47 wherein the pulse mode control can initiate a burst of output ozone.

50. The system of claim 48 wherein the pulse mode control can initiate a burst of output ozone.

51. The system of claim 44 wherein said housing has elongated recesses.

52. The system of claim 44 wherein said ion generating unit includes a high voltage pulse generator.

53. The system of claim 44 wherein said air inlet vent is covered with horizontal louvers and said air outlet vent is covered with horizontal louvers.

54. The system of claim 44 including a user con'rol located on said top of said housing.

55. The system of claim 44 wherein said first pin electrode is located adjacent the air inlet vent and the second ring electrode is located adjacent the air outlet vent.

56. The system of claim 44 wherein said housing has a cross-section in the shape of a figure eight.

57. The system of claim 44 wherein said air inlet vent and said air outlet vent have louvers that are directed across a direction of elongation of said housing.

58. The system of claim 44 wherein said second ring electrode has a skirt region surrounding an opening.

59. The system of claim 44 wherein when energized said ion generating unit causes air to flow in the downstream direction from said first pin electrode toward said second ring electrode.

60. The system of claim 44 wherein said first pin electrode includes a plurality of conductive fibers.

61. An electro-kinetic air transporter-conditioner system comprising:

an upstanding, elongated housing with a top and an air inlet vent and an air outlet vent;

said air inlet vent is elongate along a direction of elongation of said housing;

said air outlet vent is elongate along the direction of elongation of said housing;

an ion generating unit positioned in said housing, said ion generating unit having a plurality of pin-ring electrode configurations located one above the other in an elongated manner; and

a user operated control located on the top of said housing.

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62. (New) An ion and ozone producing system comprising:

an elongated housing with a vent;

an ion and ozone generating unit within said housing, said ion and ozone generating unit including:

a high voltage generator;

a plurality of tapered electrodes located one above the other; and

a plurality of openings each surrounded by electrically conductive material, said plurality of openings located one above the other;

wherein each said tapered electrode is directed toward a corresponding one of said openings; and

wherein said high voltage generator provides a voltage difference between said plurality of tapered electrodes and said electrically conductive material surrounding said openings.

63. (New) The system of claim 62, wherein each said tapered electrode includes a base and an apex, said based being wider than said apex, said apex being pointed generally toward a corresponding one of said openings.

64. (New) The system of claim 63, wherein each said base tapers to a corresponding said apex at a substantially constant angle.

65. (New) The system of claim 62, wherein each said tapered electrode is generally horizontally aligned with a corresponding one of said openings.

66. (New) The system of claim 62, wherein each said tapered electrode is generally triangle-shaped.

67. (New) The system of claim 62, including a user control that allows adjustment of ozone production.

68. (New) The system of claim 62, including a user control that allows adjustment of ion production.

69. (New) An ion and ozone producing system comprising:

an elongated housing with a vent; and

an ion and ozone generator within said housing, said ion and ozone generator including:

a high voltage generator; and

an electrode assembly electrically connected to said high voltage generator, said electrode assembly including a first electrode array and a second electrode array, said first electrode array comprising a plurality of tapered electrodes located one above the other, said second electrode array comprising conductive material surrounding each of a plurality of openings located one above the other;

wherein said high voltage generator provides a voltage difference between said first electrode array and said second electrode array, thereby producing ions and ozone that flow out of said vent.

70. (New) The system of claim 69, wherein each said tapered electrode includes a base and a tapered distal end, said base electrically connected to said high voltage generator and said tapered distal end aimed generally toward said second electrode array.

71. (New) The system of claim 70, wherein said tapered distal end of each said tapered electrode is aimed generally toward a corresponding one of said openings of said second electrode array.

72. (New) The system of claim 69, wherein each tapered electrode is generally horizontally aligned with a corresponding one of said openings of said second electrode array.

73. (New) The system of claim 69, wherein at least one of said first electrode array and said second electrode array can be lifted from said housing to allow cleaning of said at least one of said first electrode array and said second electrode array.

74. (New) The system of claim 69, wherein each tapered electrode is triangle-shaped.

75. (New) The system of claim 69, including a user control that allows adjustment of ozone production.

76. (New) The system of claim 69, including a user control that allows adjustment of ion production.

77. (New) A system for conditioning air that produces at least one of ozone and ions, the system comprising:

an elongated housing with a vent;

a high voltage generator within said housing;

a plurality of tapered electrodes located one above the other within said housing; and

a plurality of openings surrounded by electrically conductive material within said housing, said plurality of openings located one above the other;

wherein each said tapered electrode is generally horizontally aligned with a corresponding one of said openings; and

wherein said high voltage generator provides a voltage difference between said plurality of tapered electrodes and said electrically conductive material surrounding said openings.

78. (New) A system for conditioning air that produces at least one of ozone and ions, the system comprising:

an elongated housing with a vent;

a high voltage generator within said housing;

an electrode assembly within said housing, said electrode assembly electrically connected to said high voltage generator, said electrode assembly including a first electrode array and a second electrode array, said first electrode array comprising a plurality of tapered electrodes located one above the other, said second electrode array comprising conductive material surrounding a plurality of openings located one above the other; and

wherein said high voltage generator provides a voltage difference between said first electrode array and said second electrode array.

79. (New) A system for conditioning air that produces at least one of ozone and ions, the system comprising:

an elongated housing with a vent;

a high voltage generator within said housing;

an electrode assembly within said housing, said electrode assembly electrically connected to said high voltage generator, said electrode assembly including a first electrode array and a second electrode array, said first electrode array comprising a plurality points located one above the other, said second electrode array comprising conductive material surrounding a plurality of openings located one above the other; and

wherein said high voltage generator provides a voltage difference between said first electrode array and said second electrode array.

80. (New) The system of claim 79, wherein each said point is directed generally toward a corresponding one of said openings.

81. (New) The system of claim 79, wherein each said point is generally horizontally aligned with a corresponding one of said openings.